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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. IS9-017

First Inventor Richard C. Eden et al.

Title See Attachment I

Express Mail Label No. EL844047476US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 60]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]
5. Oath or Declaration [Total Pages ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☒ Other: See Attached Addendum.....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 021567  
(Insert Customer No. or Attach bar code label here) or ☐ Correspondence address below

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	James D. Shaurette	Registration No. (Attorney/Agent)	39,833
Signature		Date	7/11/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application Washington DC 20231

## ADDENDUM

### **Title of Invention:**

Power Semiconductor Switching Devices, Power Converters, Integrated Circuit Assemblies, Integrated Circuitry, Power Current Switching Methods, Methods of Forming a Power Semiconductor Switching Device, Power Conversion Methods, Power Semiconductor Switching Device Packaging Methods, and Methods of Forming a Power Transistor

### **Additional Enclosures:**

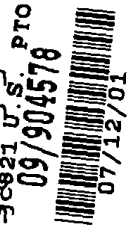
Petition for Acceptance of Color Drawings  
Appendix A (25 pages of text; 10 sheets drawings (Figs. 1-10))  
2 additional sets of Color Appendix Figs.  
1 black and white set of Appendix Figs.

09904578-074201

EL 8 440 474 76

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. . . . . Filed Herewith  
Filing Date . . . . . Filed Herewith  
Inventorship . . . . . Richard C. Eden et al  
Assignee . . . . . Isothermal Systems Research, Inc  
Group Art Unit . . . . . Unknown  
Examiner . . . . . Unknown  
Attorney's Docket No. . . . . IS9-017  
Title: "Power Semiconductor Switching Devices, Power Converters, Integrated Circuit  
Assemblies, Integrated Circuitry, Power Current Switching Methods, Methods  
of Forming a Power Semiconductor Switching Device, Power Conversion  
Methods, Power Semiconductor Switching Device Packaging Methods, and  
Methods of Forming a Power Transistor"



PETITION FOR ACCEPTANCE OF COLOR DRAWINGS  
PURSUANT TO 37 C.F.R. §1.84(a)(2)

Box Patent Application  
Assistant Commissioner for Patents  
Washington D.C. 20231

EL 8 4 4 0 4 7 4 7 6

Sir:

Applicants hereby request the Commissioner for Patents and Trademarks to accept color drawings in the Appendix illustrating aspects of the present invention in lieu of black ink drawings. Pursuant to 37 C.F.R. §1.84(a)(2), Applicants submit herewith three (3) identical sets of the color drawings. Each set of color drawings is described in the Appendix of the patent application. It is submitted that the quality of these color drawings is such that all of the details shown therein will be reproducible in the printed patent.

The petition fee as required by 37 C.F.R. §1.84(a)(2)(i) and §1.17(h) may be charged to deposit account no. 23-0925.

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By:

Reg. No. 39,833

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